

RECEIVED  
CENTRAL FAX CENTER

SEP 28 2006

## SMITH FROHWEIN TEMPEL GREENLEE BLAHA LLC

Two Ravinia Drive, Suite 790  
 Atlanta, Georgia 30346  
 Telephone (404) 815-9300  
 Fax (770) 804-0900

Michael J. Tempel  
 (770) 709-0056 DIRECT DIAL  
[mtempel@lavagrouplaw.com](mailto:mtempel@lavagrouplaw.com)

## IMPORTANT FAX DOCUMENT

---

DATE September 28, 2006  
 NAME United States Patent and Trademark Office  
 COMPANY  
 FAX NUMBER (571) 273-8300

---

FROM Michael J. Tempel *(initials)*  
 REFERENCE NO. 10/087,152  
 OUR FAX NUMBER 770-804-0900  
 NUMBER OF PAGES 20

---

**Fourth Response in Application No. 10/087,152  
 (Spectral Dispersion Compensation In Optical Code Division Multiple  
 Access (OCDMA) Communication System)**

Inventor(s): Rene P. Helbing et al.  
 Filed: March 1, 2002  
 Examiner: Tran, Dzung D.  
 Art Unit: 2613  
 Confirmation No. 2625  
 Docket No. 10004263-1 (01209.0022U1)

## CONFIDENTIALITY NOTE

*The information which follows and is transmitted herewith is attorney privileged, trade secret and confidential information intended only for viewing and use of the individual or entity named above. If the reader of this message is not the intended recipient, you are hereby notified that any review, use, communication, dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please immediately notify us by telephone and return the original message to us at the above address.*

AVAGO TECHNOLOGIES, INC.  
P.O. Box 1920  
Denver, Colorado 80201-1920

RECEIVED  
CENTRAL FAX CENTER

ATTORNEY DOCKET NO. 10004263-1

SEP 28 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Rene P. Helbing et al.

Serial No.: 10/087,152

Examiner: Tran, Dzung D.

Filing Date: March 1, 2002

Group Art Unit: 2613

Title: Spectral Dispersion Compensation In Optical Code Division Multiple Access (OCDMA) Communication System

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria VA 22313-1450

## TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

<input checked="" type="checkbox"/> Response/Amendment	<input type="checkbox"/> Petition to extend time to respond
<input type="checkbox"/> New fee as calculated below	<input type="checkbox"/> Supplemental Declaration
<input checked="" type="checkbox"/> No additional fee (Address envelope to "Mail Stop Amendments")	
<input type="checkbox"/> Other:	(Fee \$ _____)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	39	MINUS	39	= 0	X 50	\$ 0
INDEP. CLAIMS	6	MINUS	6	= 0	X 200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ 360	\$ 0
EXTENSION FEE	1 <sup>ST</sup> MONTH 120.00 <input type="checkbox"/>	2 <sup>ND</sup> MONTH 450.00 <input type="checkbox"/>	3 <sup>RD</sup> MONTH 1020.00 <input type="checkbox"/>	4 <sup>TH</sup> MONTH 1590.00 <input type="checkbox"/>		\$ 0
					OTHER FEES	\$ 0
					TOTAL ADDITIONAL FEE FOR THIS AMENDMENT	\$ 0

Charge \$ 0 to Deposit Account 50-3718. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-3718 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-3718 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

Rene P. Helbing et al.

By

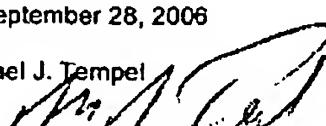


Michael J. Tempel  
Attorney/Agent for Applicant(s)

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below:

Date of facsimile: September 28, 2006

Typed Name: Michael J. Tempel

Signature: 

Reg. No. 41,344

Date: September 28, 2006

Telephone No. (770) 709-0056

RECEIVED  
CENTRAL FAX CENTER  
SEP 28 2006

Avago Technologies Docket No. 10004263-1  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Rene P. Helbing et al. Group Art Unit: 2613  
 Application No.: 10/087,152 Examiner: Tran, Dzung D.  
 Filed: March 1, 2002 Docket No.: 10004263-1  
 Confirmation No. 2625  
 For: SPECTRAL DISPERSION COMPENSATION IN OPTICAL CODE DIVISION MULTIPLE  
 ACCESS (OCDMA) COMMUNICATION SYSTEM

**FOURTH RESPONSE**

MAIL STOP AMENDMENT  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

SMITH FROHWEIN TEMPTEL  
 GREENLEE BLAHA LLC  
 CUSTOMER NO. 35856

Sir:

In response to the final Office Action mailed by the U.S. Patent and Trademark Office on August 3, 2006, Applicants submit the following remarks.

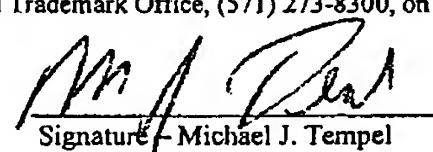
A listing of claims begins on page 2 of this paper.

Remarks begin on page 9 of this paper.

It is not believed that extensions of time or fees for net addition of claims are required beyond those, which may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to Avago Technologies' Deposit Account No. 50-3718.

I hereby certify that this correspondence, including any items indicated as attached or included, is being transmitted via facsimile transmission to the United States Patent and Trademark Office, (571) 273-8300, on the date indicated below.

Date: 9/28/06

  
Signature - Michael J. Tempel